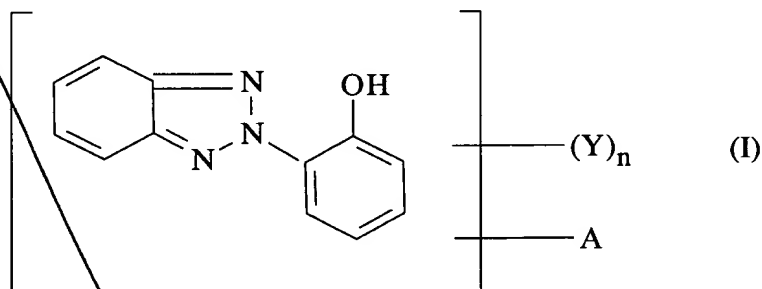


WHAT IS CLAIMED IS:

1. A topically applicable sunscreen/cosmetic composition suited for the photoprotection of human skin and/or hair, comprising an effective SPF-maintaining and water remanence-enhancing amount of combinatory immixture of
- 5 (a) at least one benzotriazole first sunscreen compound and (b) at least one bis-resorcinyltriazine second sunscreen compound, formulated into (c) a topically applicable, cosmetically acceptable vehicle, diluent or carrier therefor.

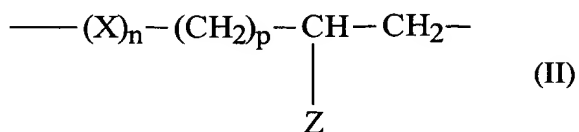
2. A topically applicable sunscreen/cosmetic composition suited for the photoprotection of human skin and/or hair, comprising an effective SPF-maintaining and water remanence-enhancing amount of combinatory immixture of
- 10 (a) at least one benzotriazole first sunscreen compound having the structural formula (I):



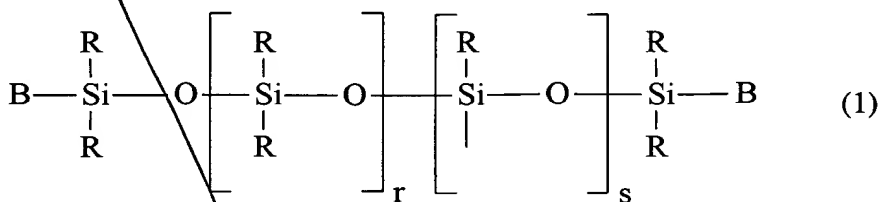
in which A is a hydrogen atom or a divalent radical -L-W-; \underline{n} is 1, 2, or 3; the radicals Y, which may be identical or different, are each a C_1 - C_{10} alkyl radical, a halogen atom, a C_1 - C_{10} alkoxy radical or a sulfonic group, with the proviso that,

20 in the latter instance, two adjacent groups Y on the same aromatic nucleus can together form an alkylidenedioxy group in which the alkylidene moiety has 1 or 2 carbon atoms and with the further proviso that the radicals Y are other than a

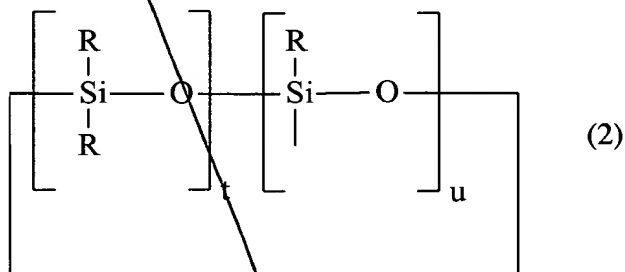
sulfonic group when A is other than a hydrogen atom; L is a divalent radical having the formula (II) below:



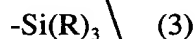
in which X is O or NH; Z is a hydrogen atom or a C₁-C₄ alkyl radical; n is an integer ranging from 0 to 3, inclusive; m is 0 or 1; p is an integer ranging from 1 to 10, inclusive; W is a radical of formula (1), (2) or (3) below:



or

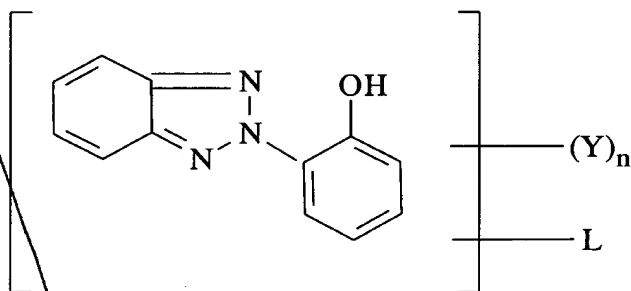


or



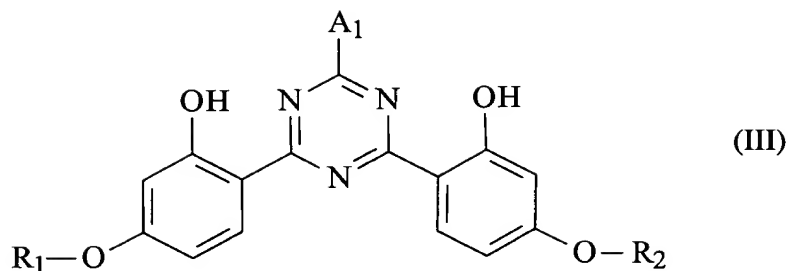
in which the radicals R, which may be identical or different, are each a C₁-C₁₀ alkyl, phenyl or 3,3,3-trifluoropropyl radical, at least 80%, by number of the

radicals R being methyl radicals; the radicals B, which may be identical or different, are each a radical R or the radical V having the following formula:



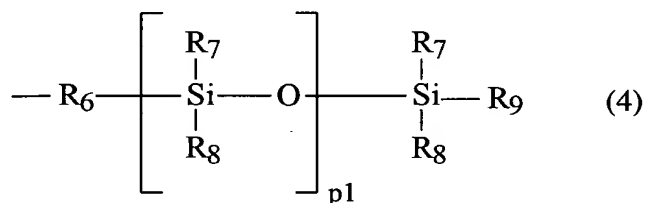
5 in which Y, n and L are as defined above; r is an integer ranging from 0 to 50, inclusive, and s is an integer ranging from 1 to 20, inclusive, and, if s = 0, then at least one of the two radicals B is a radical V; u is an integer ranging from 1 to 6, inclusive, and t is an integer ranging from 0 to 10, inclusive, with the proviso that t + u is greater than or equal to 3, and (b) at least one bis-resorcinyltriazine second
10 sunscreen compound, formulated into (c) a topically applicable, cosmetically acceptable vehicle, diluent or carrier therefor.

3. A topically applicable sunscreen/cosmetic composition suited for the photoprotection of human skin and/or hair, comprising an effective SPF-
15 maintaining and water remanence-enhancing amount of combinatory immixture of (a) at least one benzotriazole first sunscreen compound and (b) at least one bis-resorcinyltriazine second sunscreen compound having the structural formula (III):



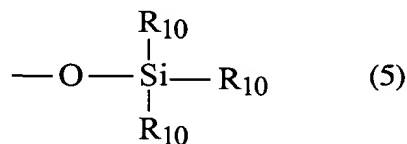
in which (i) the radicals R_1 and R_2 , which may be identical or different, are each a $\text{C}_3\text{—C}_{18}$ alkyl radical, a $\text{C}_2\text{—C}_{18}$ alkenyl radical, or a residue of formula $\text{—CH}_2\text{—CH(OH)—CH}_2\text{—OT}_1$ wherein T_1 is a hydrogen atom or a $\text{C}_1\text{—C}_8$ alkyl radical;

5 (ii) the radicals R_1 and R_2 , which may be identical or different, can also be a residue of formula (4) below:

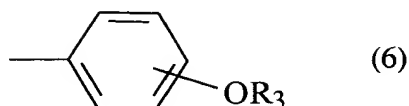


in which R_6 is a covalent bond, a linear or branched $\text{C}_1\text{—C}_4$ alkyl radical, or a

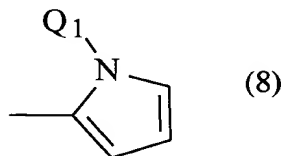
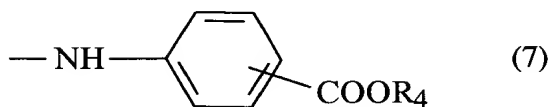
10 residue of formula $\text{—C}_{m1}\text{H}_{2m1}\text{—}$ or $\text{—C}_{m1}\text{H}_{2m1}\text{—O—}$ wherein m_1 is a number ranging from 1 to 4; p_1 is a number ranging from 0 to 5; the radicals R_7 , R_8 and R_9 , which may be identical or different, are each a $\text{C}_1\text{—C}_{18}$ alkyl radical, a $\text{C}_1\text{—C}_{18}$ alkoxy radical, or a residue of formula:



in which R_{10} is a C_1 - C_5 alkyl radical; A_1 is a residue having one of the following formulae:



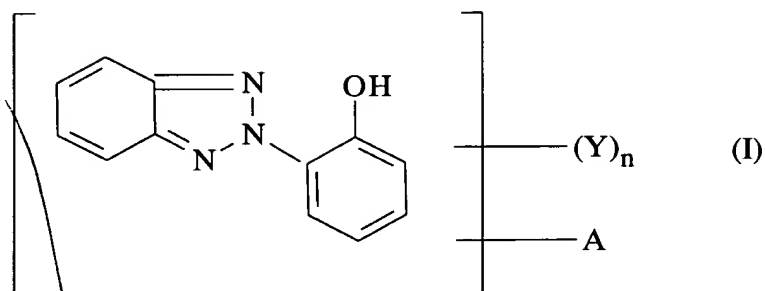
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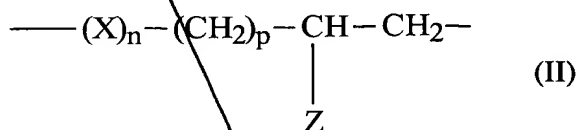
in which R_3 denotes a hydrogen atom, a C_1 - C_{10} alkyl radical, a radical of formula $-(CH_2CHR_5-O)_{n1}R_{11}$ wherein n_1 is a number ranging from 1 to 16, R_{11} is a
 10 hydrogen atom or methyl radical or a residue of structure $-CH_2-CH(OH)-CH_2OT_1$ wherein T_1 is as defined above; R_4 is a hydrogen atom, a metal cation M , a C_1 - C_5 alkyl radical, or a residue of formula $-(CH_2)_{m2}-OT_1$ wherein m_2 is a number ranging from 1 to 4 and T_1 is as defined above, and Q_1 is a C_1 - C_{18} alkyl radical,
 15 formulated into (c) a topically applicable, cosmetically acceptable vehicle, diluent or carrier therefor.

4 A topically applicable sunscreen/cosmetic composition suited for the photoprotection of human skin and/or hair, comprising an effective SPF-maintaining and water remanence-enhancing amount of combinatory immixture of

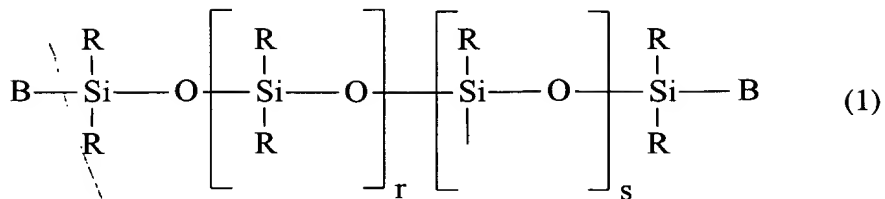
(a) at least one benzotriazole first sunscreen compound having the structural formula (I):



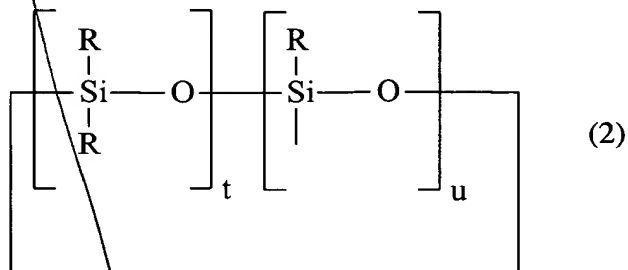
5 in which A is a hydrogen atom or a divalent radical -L-W-; n is 1, 2, or 3; the radicals Y, which may be identical or different, are each a $\text{C}_1\text{--C}_{10}$ alkyl radical, a halogen atom, a $\text{C}_1\text{--C}_{10}$ alkoxy radical or a sulfonic group, with the proviso that, in the latter instance, two adjacent groups Y on the same aromatic nucleus can together form an alkylidenedioxy group in which the alkylidene moiety has 1 or 2
10 carbon atoms and with the further proviso that the radicals Y are other than a sulfonic group when A is other than a hydrogen atom; L is a divalent radical having the formula (II) below:



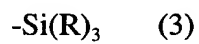
15 in which X is O or NH; Z is a hydrogen atom or a $\text{C}_1\text{--C}_4$ alkyl radical; n is an integer ranging from 0 to 3, inclusive; m is 0 or 1; p is an integer ranging from 1 to 10, inclusive; W is a radical of formula (1), (2) or (3) below:



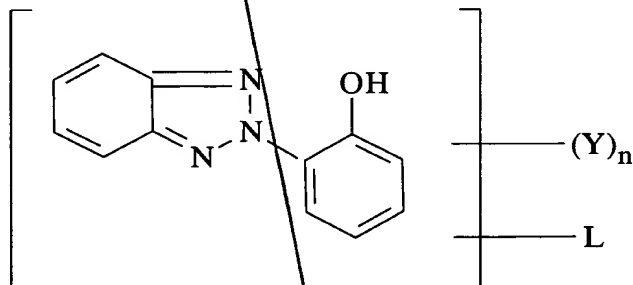
or



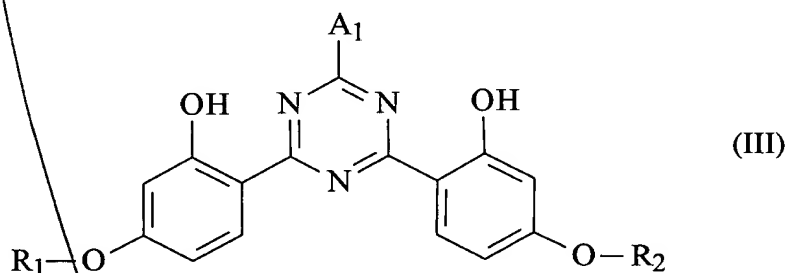
or



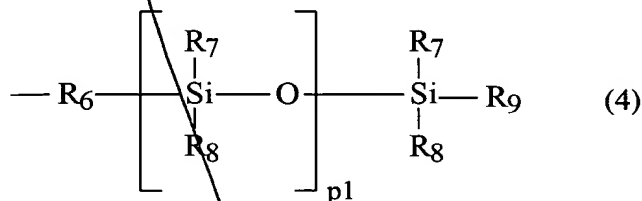
in which the radicals R, which may be identical or different, are each a C₁-C₁₀ alkyl, phenyl or 3,3,3-trifluoropropyl radical, at least 80%, by number of the radicals R being methyl radicals; the radicals B, which may be identical or different, are each a radical R or the radical V having the following formula:



in which Y, \underline{n} and L are as defined above; \underline{r} is an integer ranging from 0 to 50, inclusive, and \underline{s} is an integer ranging from 1 to 20, inclusive, and, if $\underline{s} = 0$, then at least one of the two radicals B is a radical V; \underline{u} is an integer ranging from 1 to 6, inclusive, and \underline{t} is an integer ranging from 0 to 10, inclusive, with the proviso that $\underline{t} + \underline{u}$ is greater than or equal to 3, and (b) at least one bis-resorcinyltriazine second sunscreen compound, having the structural formula (III):

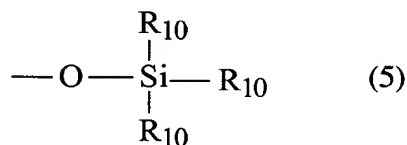


in which (i) the radicals R_1 and R_2 , which may be identical or different, are each a C_3 - C_{18} alkyl radical, a C_2 - C_{18} alkenyl radical, or a residue of formula $-CH_2-CH(OH)-CH_2-OT_1$ wherein T_1 is a hydrogen atom or a C_1 - C_8 alkyl radical; (ii) the radicals R_1 and R_2 , which may be identical or different, can also be a residue of formula (4) below:

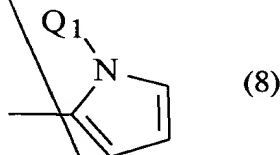
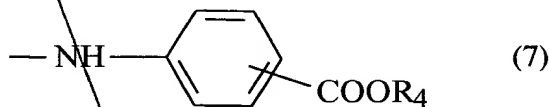
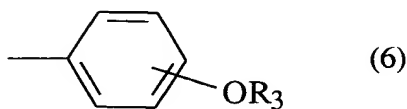


in which R_6 is a covalent bond, a linear or branched C_1 - C_4 alkyl radical, or a residue of formula $-C_{m1}H_{2m1}-$ or $-C_{m1}H_{2m1}-O-$ wherein m_1 is a number ranging from 1 to 4; p_1 is a number ranging from 0 to 5; the radicals R_7 , R_8 and R_9 , which may

be identical or different, are each a C_1-C_{18} alkyl radical, a C_1-C_{18} alkoxy radical, or a residue of formula:



5 in which R_{10} is a C_1-C_5 alkyl radical; A_1 is a residue having one of the following formulae:



10

in which R_3 denotes a hydrogen atom, a C_1-C_{10} alkyl radical, a radical of formula $-(CH_2CHR_5-O)_{n1}R_{11}$ wherein n_1 is a number ranging from 1 to 16, R_{11} is a hydrogen atom or methyl radical or a residue of structure $-CH_2-CH(OH)-CH_2OT_1$ wherein T_1 is as defined above; R_4 is a hydrogen atom, a metal cation M , a C_1-C_5 alkyl radical, or a residue of formula $-(CH_2)_{m2}-OT_1$ wherein m_2 is a number

15

02 ranging from 1 to 4 and T_1 is as defined above, and Q_1 is a C_1-C_{18} alkyl radical, formulated into (c) a topically applicable, cosmetically acceptable vehicle, diluent or carrier therefor.

5 5. The topically applicable sunscreen/cosmetic composition as defined by Claim 2, said at least one benzotriazole first sunscreen compound (a) comprising 2-(2'-hydroxy-5'-methylphenyl)benzotriazole, 2-(2'-hydroxy-3'-butyl-5'-methylphenyl)benzotriazole, 2-(2'-hydroxy-5'-t-octylphenyl)benzotriazole, or 2-(2'-hydroxy-3'-sec-butyl-5'-benzenesulfonato)benzotriazole.

10 6. The topically applicable sunscreen/cosmetic composition as defined by Claim 2, wherein formula (I), A is a divalent radical -L-W- and W has the formula (1), at least one of the following conditions being satisfied:

R is an alkyl radical,

15 \underline{r} ranges from 0 to 15, inclusive; \underline{s} ranges from 1 to 5, inclusive,

\underline{n} is other than zero and Y is a methyl, tert-butyl or C_1-C_4 alkoxy radical,

Z is a hydrogen atom or methyl,

$\underline{m} = 0$ or [$m = 1$ and $X = O$],

\underline{p} is equal to 1.

20 7. The topically applicable sunscreen/cosmetic composition as defined by Claim 6, each of said conditions being satisfied.

8. The topically applicable sunscreen/cosmetic composition as defined by Claim 2, said at least one benzotriazole first sunscreen compound (a) having the structural formula (I'):

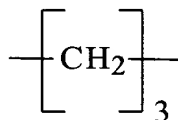
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$$\begin{array}{c} \text{CH}_3 - \underset{\text{CH}_3}{\overset{\text{CH}_3}{\text{Si}}} - \text{O} - \left[\underset{\text{CH}_3}{\overset{\text{CH}_3}{\text{Si}}} \right]_r - \text{O} - \left[\underset{\text{CH}_3}{\overset{\text{CH}_3}{\text{Si}}} \right]_s - \text{O} - \underset{\text{CH}_3}{\overset{\text{CH}_3}{\text{Si}}} - \text{CH}_3 \\ | \\ \text{D} \\ | \\ \text{HO} - \text{C}_6\text{H}_3(\text{CH}_3) - \text{N} = \text{N} - \text{C}_6\text{H}_4 \end{array} \quad (\text{I}')$$

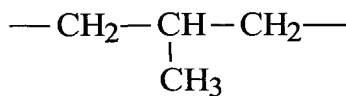
in which: $0 \leq \underline{r} \leq 15$,

$$1 \leq \underline{s} \leq 5,$$

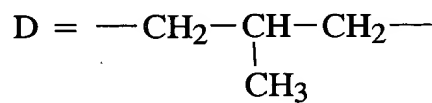
and D is the divalent radical:



or



9. The topically applicable sunscreen/cosmetic composition as defined by
10 Claim 8, wherein formula (I') $\underline{r} = 0$, $\underline{s} = 1$ and



10. The topically applicable sunscreen/cosmetic composition as defined by Claim 1, comprising from 0.1 % to 15 % by weight of said at least one benzotriazole first sunscreen compound (a).

5

11. The topically applicable sunscreen/cosmetic composition as defined by Claim 10, comprising from 0.2 % to 10 % by weight of said at least one benzotriazole first sunscreen compound (a).

10

12. The topically applicable sunscreen/cosmetic composition as defined by Claim 3, said at least one bis-resorcinyll second sunscreen compound (b) comprising 2,4-bis{[4-(2-ethylhexyloxy)-2-hydroxy]phenyl}-6-(4-methoxyphenyl)-1,3,5-triazine; 2,4-bis{[4-(3-(2-propyloxy)-2-hydroxypropyloxy)-2-hydroxy]phenyl}-6-(4-methoxyphenyl)-1,3,5-triazine; 2,4-bis{[4-(2-ethylhexyloxy)-2-hydroxy]phenyl}-6-[4-(2-methoxyethylcarboxyl)phenylamino]-1,3,5-triazine; 2,4-bis{[4-(tris(trimethylsiloxy)silylpropyloxy)-2-hydroxy]phenyl}-6-(4-methoxyphenyl)-1,3,5-triazine; 2,4-bis{[4-(2"-methylpropenyloxy)-2-hydroxy]phenyl}-6-(4-methoxyphenyl)-1,3,5-triazine; 2,4-bis{[4-(1',1',1',3',5',5',5'-heptamethyltrisiloxy-2"-methylpropyloxy)-2-hydroxy]phenyl}-6-(4-methoxyphenyl)-1,3,5-triazine; 2,4-bis{[4-(3-(2-propyloxy)-2-hydroxypropyloxy)-2-hydroxy]phenyl}-6-[4-(ethoxycarbonyl)phenylamino]-1,3,5-triazine; or 2,4-bis{[4-(2-ethylhexyloxy)-2-hydroxy]phenyl}-6-(1-methylpyrrol-2-yl)-1,3,5-triazine.

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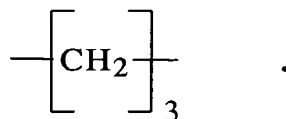
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13. The topically applicable sunscreen/cosmetic composition as defined by Claim 3, said at least one bis-resorcinyll second sunscreen compound (b) comprising 2,4-bis{[4-(2-ethylhexyloxy)-2-hydroxy]phenyl}-6-(4-methoxyphenyl)-1,3,5-triazine; 2,4-bis{[4-(tris(trimethylsiloxy)silylpropyloxy)-2-hydroxy]phenyl}-6-(4-methoxyphenyl)-1,3,5-triazine; or 2,4-bis{[4-(1',1',1',3',5',5',5'-

heptamethyltrisiloxy-2"-methylpropyloxy)-2-hydroxy]phenyl}-6-(4-methoxyphenyl)-1,3,5-triazine.

14. The topically applicable sunscreen/cosmetic composition as defined by
5 Claim 8, wherein formula (I'), $\underline{r} = 0$, $\underline{s} = 1$ and $D =$



15. The topically applicable sunscreen/cosmetic composition as defined by
Claim 10, comprising from 0.1 % to 15 % by weight of said at least one bis-
resorcinyltriazine second sunscreen compound (b).

16. The topically applicable sunscreen/cosmetic composition as defined by
Claim 11, comprising from 0.2 % to 10 % by weight of said at least one bis-
resorcinyltriazine second sunscreen compound (b).

17. The topically applicable sunscreen/cosmetic composition as defined by
Claim 1, formulated as an oil-in-water emulsion.

18. The topically applicable sunscreen/cosmetic composition as defined by
Claim 1, further comprising at least one additional hydrophilic or lipophilic
20 organic UV-A and/or UV-B sunscreen.

19. The topically applicable sunscreen/cosmetic composition as defined by
Claim 18, further comprising at least one cinnamic derivative, salicylic derivative,
camphor derivative, triazine derivative, benzophenone derivative,
25 dibenzoylmethane derivative, benzimidazole derivative, β - β -diphenylacrylate

derivative, p-aminobenzoic acid derivative, sunscreen polymer, or sunscreen silicone.

20. The topically applicable sunscreen/cosmetic composition as defined by
5 Claim 1, further comprising a photoprotecting effective amount of particulates of
at least one coated or uncoated inorganic pigment or nanopigment.

21. The topically applicable sunscreen/cosmetic composition as defined by
10 Claim 20, said at least one pigment or nanopigment comprising titanium dioxide,
zinc oxide, iron oxide, zirconium oxide, cerium oxide, or mixture thereof.

22. The topically applicable sunscreen/cosmetic composition as defined by
15 Claim 1, further comprising at least one active agent for the artificially tanning
and/or browning of human skin.

23. The topically applicable sunscreen/cosmetic composition as defined by
Claim 1, further comprising at least one cosmetically acceptable adjuvant or
additive.

20 24. The topically applicable sunscreen/cosmetic composition as defined by
Claim 23, said at least one adjuvant or additive comprising a fat, organic solvent,
thickening agent, softener, antioxidant, opacifying agent, stabilizing agent,
emollient, hydroxy acid, anti-foaming agent, hydrating agent, vitamin, fragrance,
25 preservative, surfactant, filler, sequestering agent, polymer, propellant, basifying
or acidifying agent, dye, colorant, or mixture thereof.

25. The topically applicable sunscreen/cosmetic composition as defined by
Claim 1, comprising a nonionic vesicular dispersion, emulsion, cream, milk, gel,

cream gel, ointment, suspension, dispersion, powder, solid stick or tube, foam or spray.

26. The topically applicable sunscreen/cosmetic composition as defined by
5 Claim 1, comprising a makeup.

27. The topically applicable sunscreen/cosmetic composition as defined by
Claim 26, comprising an anhydrous or aqueous solid or paste, emulsion,
suspension or dispersion.
10

28. The topically applicable sunscreen/cosmetic composition as defined by
Claim 1, comprising a shampoo, lotion, gel, nonionic vesicular dispersion, hair
lacquer, or rinse.

29. The topically applicable sunscreen/cosmetic composition as defined by
15 Claim 1, having a sun protection factor of at least 2.

30. A regime/regimen for protecting human skin and/or hair against the
deleterious effects of ultraviolet irradiation, comprising topically applying thereto
20 an effective amount of the topically applicable sunscreen/cosmetic composition as
defined by Claim 1.

31. A regime/regimen for protecting human skin and/or hair against the
deleterious effects of solar radiation, comprising topically applying thereto a
25 effective amount of the topically applicable sunscreen/cosmetic composition as
defined by Claim 1.